



Mitchell E. Daniels, Jr.  
Governor

Thomas W. Easterly  
Commissioner

100 North Senate Avenue  
Indianapolis, Indiana 46204  
(317) 232-8603  
(800) 451-6027  
www.IN.gov/idem

TO: Interested Parties / Applicant  
DATE: September 8, 2006  
RE: Visteon Systems LLC / 041-22770-00004  
FROM: Nisha Sizemore  
Chief, Permits Branch  
Office of Air Quality

### Notice of Decision: Approval - Effective Immediately

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to IC 13-15-5-3, this permit is effective immediately, unless a petition for stay of effectiveness is filed and granted according to IC 13-15-6-3, and may be revoked or modified in accordance with the provisions of IC 13-15-7-1.

If you wish to challenge this decision, IC 4-21.5-3 and IC 13-15-6-1 require that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 1049, Indianapolis, IN 46204, **within eighteen (18) calendar days of the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
- (2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
- (3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

- (1) the name and address of the person making the request;
- (2) the interest of the person making the request;
- (3) identification of any persons represented by the person making the request;
- (4) the reasons, with particularity, for the request;
- (5) the issues, with particularity, proposed for considerations at any hearing; and
- (6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures  
FNPER.dot 03/23/06



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We make Indiana a cleaner, healthier place to live.*

Mitchell E. Daniels, Jr.  
Governor

Thomas W. Easterly  
Commissioner

100 North Senate Avenue  
Indianapolis, Indiana 46204-2251  
(317) 232-8603  
(800) 451-6027  
www.IN.gov/idem

Mr. Joseph B. King  
Visteon Systems, LLC  
4747 Western Avenue  
Connersville, IN 47331

September 8, 2006

Re: 041-22770-00004  
Significant Permit Modification to  
Part 70 Renewal No.: T 041-17640-00004

Dear Mr. King:

Visteon Systems, LLC was issued a Part 70 Operating Permit Renewal on August 12, 2004 for a stationary automotive parts manufacturing plant. A letter requesting changes to this permit was received on February 28, 2006. Pursuant to the provisions of 326 IAC 2-7-12 a significant permit modification to this permit is hereby approved as described in the attached Technical Support Document.

The modification consists of updating the list of emission units, incorporating limitations on hazardous air pollutants (HAP) emissions, and removing permit conditions that are no longer necessary after implementation of the minor HAP limits. Hazardous air pollutant (HAP) emissions are limited to less than 10 tons per year for any single HAP and less than 25 tons per year for any combination of HAPs.

All other conditions of the permit shall remain unchanged and in effect. For your convenience the entire Part 70 Operating Permit as modified will be provided at issuance.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Kimberly Cottrell, OAQ, 100 North Senate Avenue, Indianapolis, Indiana, 46204-2251, or call at (800) 451-6027, and ask for Kimberly Cottrell or extension (3-0870), or dial (317) 233-0870.

Sincerely,

Original signed by  
Nisha Sizemore, Chief  
Permits Branch  
Office of Air Quality

KLC

cc: File – Fayette County  
Fayette County Health Department  
U.S. EPA, Region V  
Air Compliance Inspector – Jennifer Schick  
Compliance Data Section  
Administration and Development

Mr. Larry Hinkle  
Visteon Systems, LLC  
4747 Western Avenue  
Connersville, IN 47331

David Jordan, P.E.  
ERM, Inc  
11350 North Meridian, Suite 220  
Carmel, IN 46032



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## PART 70 OPERATING PERMIT RENEWAL OFFICE OF AIR QUALITY

**Visteon Systems, LLC  
4747 Western Avenue  
Connersville, Indiana 47331**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit is grounds for enforcement action; permit termination, revocation and reissuance, or modification; or denial of a permit renewal application. Noncompliance with any provision of this permit, except any provision specifically designated as not federally enforceable, constitutes a violation of the Clean Air Act. It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in Section B, Emergency Provisions.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit Renewal No.: T 041-17640-00004	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Quality	Issuance Date: August 12, 2004  Expiration Date: August 12, 2009

First Significant Permit Modification No. 041-22151-00004, issued on May 30, 2006

Second Significant Permit Modification No.: 041-22770-00004	
Issued by: Original signed by Nisha Sizemore, Chief Permits Branch Office of Air Quality	Issuance Date: September 8, 2006  Expiration Date: August 12, 2009

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## SECTION A

## SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

### A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)] [326 IAC 2-7-1(22)]

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The Permittee owns and operates a stationary automotive parts manufacturing plant.

Responsible Official:	Plant Manager
Source Address:	4747 Western Avenue, Connersville, Indiana 47331
Mailing Address:	4747 Western Avenue, Connersville, Indiana 47331
General Source Phone Number:	(765) 827-7001
SIC Code:	3714
County Location:	Fayette
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Permit Program Major Source, under PSD Rules; Minor Source, Section 112 of the Clean Air Act Not 1 of 28 Source Categories

### A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

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This stationary source consists of the following emission units and pollution control devices:

- (a) one (1) natural gas fired boiler (ID No. BLR2), constructed in 1953, rated at 37.0 million (MM) British thermal units (Btu) per hour, exhausting through one (1) stack, identified as PH-D-2-2;
- (b) one (1) natural gas fired boiler (ID No. BLR4), constructed in 1966, rated at 72.0 million (MM) British thermal units (Btu) per hour, exhausting through one (1) stack, identified as PH-F-2-3;
- (c) one (1) natural gas fired boiler (ID No. BLR5), constructed in 1966, rated at 72.0 million (MM) British thermal units (Btu) per hour, exhausting through one (1) stack, identified as PH-G-2-4;
- (d) one (1) condenser paint spray booth (ID No. 2PNT), constructed in 1973, using an air atomization spray application system, using a maximum of 15.1 gallons of coating per hour, using dry filters for particulate matter overspray control, and exhausting through two (2) stacks, identified as G-22-1 and E-23-2;
- (e) one (1) thermal de-oiler (De-oiler #1), constructed in 1998, processing a maximum of 6,000 pounds of metal parts per hour, using a maximum of 30 pounds of oil per hour, with a thermal incinerator using natural gas as supplementary fuel at a heat input rate of 7.5 million (MM) British thermal units (Btu) per hour for control of volatile organic compounds (VOC), exhausting through two (2) stacks (DO1 and DO2);
- (f) one (1) thermal de-oiler (De-oiler #2), constructed in 1998, processing a maximum of 2,400 pounds of metal parts per hour, using a maximum of 66.1 pounds of oil per hour, with a thermal incinerator using natural gas as supplementary fuel at a heat input rate of 2.3 MMBtu per hour for control of VOC, exhausting through one (1) stack (DO3);

- (g) one (1) thermal de-oiler (De-oiler #3), constructed in 2002, processing a maximum of 1,250 metal parts per hour, using a maximum of 17.62 pounds of oil per hour, equipped with a natural gas fired thermal incinerator for volatile organic compound (VOC) control. The thermal incinerator has a heat input rate of 5.5 million (MM) British thermal units (Btu) per hour;
- (h) one (1) compressor flushing and testing operation (ID No. FLUSH), constructed in 1979, using a maximum of 0.61 gallons of solvent per hour;
- (i) one (1) induction brazing operation (ID No. BRAZING), constructed in 1974, using a maximum of 2.3 pounds of brazing flux solvent per hour;
- (j) one (1) anodizing tank, constructed in 1999, utilizing a maximum of 15 pounds per hour of acid solution, with acid mist controlled by a fume scrubber; and
- (k) machining operations, constructed in 1999, with a maximum throughput of 1,965 pounds of parts per hour with five (5) oil mist collectors for controls (OMC Nos. 1 through 5). The operations consist of steel turning and grinding, scroll milling, scroll turning, and front and rear heads.

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

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This stationary source does not currently have any insignificant activities, as defined in 326 IAC 2-7-1 (21) that have applicable requirements.

A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

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This stationary source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

- (a) It is a major source, as defined in 326 IAC 2-7-1(22);
- (b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 – Applicability).

## SECTION B

## GENERAL CONDITIONS

### B.1 Definitions [326 IAC 2-7-1]

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Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, the applicable definitions found in the statutes or regulations (IC 13-11, 326 IAC 1-2 and 326 IAC 2-7) shall prevail.

### B.2 Permit Term [326 IAC 2-7-5(2)] [326 IAC 2-1.1-9.5] [326 IAC 2-7-4(a)(1)(D)] [IC 13-15-3-6(a)]

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- (a) This permit, T041-17640-00004, is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.
- (b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.

### B.3 Term of Condition [326 IAC 2-1.1-9.5]

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Notwithstanding the permit term of a permit to construct, a permit to operate, or a permit modification, any condition established in a permit issued pursuant to a permitting program approved in the state implementation plan shall remain in effect until:

- (a) the condition is modified in a subsequent permit action pursuant to Title I of the Clean Air Act; or
- (b) the emission unit to which the condition pertains permanently ceases operation.

### B.4 Enforceability [326 IAC 2-7-7]

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Unless otherwise stated, all terms and conditions in this permit, including any provisions designed to limit the source's potential to emit, are enforceable by IDEM, the United States Environmental Protection Agency (U.S. EPA) and by citizens in accordance with the Clean Air Act.

### B.5 Termination of Right to Operate [326 IAC 2-7-10] [326 IAC 2-7-4(a)]

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The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-7-3 and 326 IAC 2-7-4(a).

### B.6 Severability [326 IAC 2-7-5(5)]

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The provisions of this permit are severable; a determination that any portion of this permit is invalid shall not affect the validity of the remainder of the permit.

### B.7 Property Rights or Exclusive Privilege [326 IAC 2-7-5(6)(D)]

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This permit does not convey any property rights of any sort or any exclusive privilege.

### B.8 Duty to Provide Information [326 IAC 2-7-5(6)(E)]

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- (a) The Permittee shall furnish to IDEM, OAQ within a reasonable time, any information that IDEM, OAQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34). Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit.

- (b) For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

**B.9 Certification [326 IAC 2-7-4(f)] [326 IAC 2-7-6(1)] [326 IAC 2-7-5(3)(C)]**

---

- (a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted shall contain certification by a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification.
- (c) A responsible official is defined at 326 IAC 2-7-1(34).

**B.10 Annual Compliance Certification [326 IAC 2-7-6(5)]**

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- (a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. All certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted in letter form no later than July 1 of each year to:

Indiana Department of Environmental Management  
Compliance Branch, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2251

and

United States Environmental Protection Agency, Region V  
Air and Radiation Division, Air Enforcement Branch – Indiana (AE-17J)  
77 West Jackson Boulevard  
Chicago, Illinois 60604-3590

- (b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.
- (c) The annual compliance certification report shall include the following:
  - (1) The appropriate identification of each term or condition of this permit that is the basis of the certification;
  - (2) The compliance status;
  - (3) Whether compliance was continuous or intermittent;
  - (4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3); and
  - (5) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ may require to determine the compliance status of the source.

The submittal by the Permittee does require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

**B.11 Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)] [326 IAC 2-7-6(1) and (6)] [326 IAC 1-6-3]**

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- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall maintain and implement Preventive Maintenance Plans (PMPs) including the following information on each facility:
- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
  - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
  - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.
- (b) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMPs do not require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).
- (c) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

**B.12 Emergency Provisions [326 IAC 2-7-16]**

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- (a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation.
- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:
- (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
  - (2) The permitted facility was at the time being properly operated;
  - (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;
  - (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone Number: 1-800-451-6027 (ask for Office of Air Quality, Compliance Section), or  
Telephone Number: 317-233-0178 (ask for Compliance Section)  
Facsimile Number: 317-233-6865

- (5) For each emergency lasting one (1) hour or more, the Permittee submitted the attached Emergency Occurrence Report Form or its equivalent, either by mail or facsimile to:

Indiana Department of Environmental Management  
Compliance Branch, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2251

within two (2) working days of the time when emission limitations were exceeded due to the emergency.

The notice fulfills the requirement of 326 IAC 2-7-5(3)(C)(ii) and must contain the following:

- (A) A description of the emergency;
- (B) Any steps taken to mitigate the emissions; and
- (C) Corrective actions taken.

The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (6) The Permittee immediately took all reasonable steps to correct the emergency.
- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
  - (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
  - (e) The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4(c)(9) be revised in response to an emergency.
  - (f) Failure to notify IDEM, OAQ by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.
  - (g) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.
  - (h) The Permittee shall include all emergencies in the Quarterly Deviation and Compliance Monitoring Report.

**B.13 Permit Shield [326 IAC 2-7-15] [326 IAC 2-7-20] [326 IAC 2-7-12]**

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- (a) Pursuant to 326 IAC 2-7-15, the Permittee has been granted a permit shield. The permit shield provides that compliance with the conditions of this permit shall be deemed in compliance with any applicable requirements as of the date of permit issuance, provided that either the applicable requirements are included and specifically identified in this permit or the permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable. The Indiana statutes from IC 13 and rules from 326 IAC, referenced in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a Part 70 permit under 326 IAC 2-7 or for applicable requirements for which a permit shield has been granted.

This permit shield does not extend to applicable requirements which are promulgated after the date of issuance of this permit unless this permit has been modified to reflect such new requirements.

- (b) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, IDEM, OAQ shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.
- (c) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application. Erroneous information means information that the Permittee knew to be false, or in the exercise of reasonable care should have been known to be false, at the time the information was submitted.
- (d) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:
- (1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;
  - (2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;
  - (3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and
  - (4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.
- (e) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).
- (f) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAQ has issued the modifications. [326 IAC 2-7-12(c)(7)]
- (g) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAQ has issued the modification. [326 IAC 2-7-12(b)(8)]

**B.14 Prior Permits Superseded [326 IAC 2-1.1-9.5] [326 IAC 2-7-10.5]**

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- (a) All terms and conditions of previous permits issued pursuant to permitting programs approved into the state implementation plan have been either:
- (1) incorporated as originally stated,
  - (2) revised under 326 IAC 2-7-10.5, or
  - (3) deleted under 326 IAC 2-7-10.5.
- (b) Provided that all terms and conditions are accurately reflected in this permit, all previous registrations and permits are superseded by this permit.

**B.15 Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]**

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- (a) Deviations from any permit requirements (for emergencies see Section B – Emergency Provisions), the probable cause of such deviations, and any response steps or preventive measures taken shall be reported to:

Indiana Department of Environmental Management  
Compliance Data Section, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2251

using the attached Quarterly Deviation and Compliance Monitoring Report, or its equivalent. A deviation required to be reported pursuant to an applicable requirement that exists independent of this permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report.

The Quarterly Deviation and Compliance Monitoring Report does require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

- (b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.

**B.16 Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-7-5(6)(C)] [326 IAC 2-7-8(a)] [326 IAC 2-7-9]**

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- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-7-5(6)(C)] The notification by the Permittee does require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).
- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ determines any of the following:
- (1) That this permit contains a material mistake.
  - (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
  - (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-7-9(a)(3)]

- (c) Proceedings by IDEM, OAQ to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-7-9(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

**B.17 Permit Renewal [326 IAC 2-7-3] [326 IAC 2-7-4] [326 IAC 2-7-8(e)]**

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- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ and shall include the information specified in 326 IAC 2-7-4. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40). The renewal application does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management  
Permits Branch, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2251

- (b) A timely renewal application is one that is:
  - (1) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
  - (2) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (c) If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-7 until IDEM, OAQ, takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ, any additional information identified as being needed to process the application.

**B.18 Permit Amendment or Modification [326 IAC 2-7-11] [326 IAC 2-7-12]**

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- (a) Permit amendments and modifications are governed by the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 whenever the Permittee seeks to amend or modify this permit.
- (b) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management  
Permits Branch, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2251

Any such application shall be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

**B.19 Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)] [326 IAC 2-7-12 (b)(2)]**

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- (a) No Part 70 permit revision shall be required under any approved economic incentives, marketable Part 70 permits, emissions trading, and other similar programs or processes for changes that are provided for in a Part 70 permit.
- (b) Notwithstanding 326 IAC 2-7-12(b)(1) and 326 IAC 2-7-12(c)(1), minor Part 70 permit modification procedures may be used for Part 70 modifications involving the use of economic incentives, marketable Part 70 permits, emissions trading, and other similar approaches to the extent that such minor Part 70 permit modification procedures are explicitly provided for in the applicable State Implementation Plan (SIP) or in applicable requirements promulgated or approved by the U.S. EPA.

**B.20 Operational Flexibility [326 IAC 2-7-20] [326 IAC 2-7-10.5]**

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- (a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b), (c), or (e), without a prior permit revision, if each of the following conditions is met:

- (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
- (2) Any preconstruction approval required by 326 IAC 2-7-10.5 has been obtained;
- (3) The changes do not result in emissions which exceed limitations provided in this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
- (4) The Permittee notifies the:

Indiana Department of Environmental Management  
Permits Branch, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2251

and

United States Environmental Protection Agency, Region V  
Air and Radiation Division, Regulation Development Branch – Indiana (AR-18J)  
77 West Jackson Boulevard  
Chicago, Illinois 60604-3590

in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the Permittee's copy of this permit; and

- (5) The Permittee maintains records on-site, on a rolling five (5) year basis, which document, all such changes and emission trades that are subject to 326 IAC 2-7-20(b), (c), or (e) and makes such records available, upon reasonable request, for public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ in the notices specified in 326 IAC 2-7-20(b)(1), (c)(1), and (e)(2).

- (b) The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(36)) without a permit revision, subject to the constraint of 326 IAC 2-7-20(a). For each such Section 502(b)(10) of the Clean Air Act change, the required written notification shall include the following:
- (1) A brief description of the change within the source;
  - (2) The date on which the change will occur;
  - (3) Any change in emissions; and
  - (4) Any permit term or condition that is no longer applicable as a result of the change.

The notification which shall be submitted is not considered an application form, report or compliance certification. Therefore, the notification by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) Emission Trades [326 IAC 2-7-20(c)]  
The Permittee may trade emissions increases and decreases at the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(c).
- (d) Alternative Operating Scenarios [326 IAC 2-7-20(d)]  
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-7-5(9). No prior notification of IDEM, OAQ, or U.S. EPA is required.

**B.21 Source Modification Requirement [326 IAC 2-7-10.5]**

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A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2 and 326 IAC 2-7-10.5.

**B.22 Inspection and Entry [326 IAC 2-7-6] [IC 13-14-2-2] [IC 13-30-3-1] [IC 13-17-3-2]**

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Upon presentation of proper identification cards, credentials, and other documents as may be required by law, and subject to the Permittee's right under all applicable laws and regulations to assert that the information collected by the agency is confidential and entitled to be treated as such, the Permittee shall allow IDEM, OAQ, U.S. EPA, or an authorized representative to perform the following:

- (a) Enter upon the Permittee's premises where a Part 70 source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy any records that must be kept under the conditions of this permit;
- (c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- (d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and

- (e) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

**B.23 Transfer of Ownership or Operational Control [326 IAC 2-7-11]**

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- (a) The Permittee must comply with the requirements of 326 IAC 2-7-11 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.
- (b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

Indiana Department of Environmental Management  
Permits Branch, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2251

The application which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

**B.24 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)] [326 IAC 2-1.1-7]**

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- (a) The Permittee shall pay annual fees to IDEM, OAQ within thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ, the applicable fee is due April 1 of each year.
- (b) Except as provided in 326 IAC 2-7-19(e), failure to pay may result in administrative enforcement action or revocation of this permit.
- (c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4230 (ask for OAQ, Billing, Licensing, and Training Section), to determine the appropriate permit fee.

**B.25 Credible Evidence [326 IAC 2-7-5(3)] [326 IAC 2-7-6] [62 FR 8314] [326 IAC 1-1-6]**

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For the purpose of submitting compliance certifications or establishing whether or not the Permittee has violated or is in violation of any condition of this permit, nothing in this permit shall preclude the use, including the exclusive use, of any credible evidence or information relevant to whether the Permittee would have been in compliance with the condition of this permit if the appropriate performance or compliance test or procedure had been performed.

## SECTION C

## SOURCE OPERATION CONDITIONS

Entire Source

### Emission Limitations and Standards [326 IAC 2-7-5(1)]

**C.1 Particulate Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) Pounds per Hour [326 IAC 6-3-2]**

Pursuant to 326 IAC 6-3-2(e)(2), particulate emissions from any process not exempt under 326 IAC 6-3-1(b) or (c) which has a maximum process weight rate less than 100 pounds per hour and the methods in 326 IAC 6-3-2(b) through (d) do not apply shall not exceed 0.551 pounds per hour.

**C.2 Opacity [326 IAC 5-1]**

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:

- (a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

**C.3 Open Burning [326 IAC 4-1] [IC 13-17-9]**

The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1. 326 IAC 4-1-3 (a)(2)(A) and (B) are not federally enforceable.

**C.4 Incineration [326 IAC 4-2] [326 IAC 9-1-2]**

The Permittee shall not operate an incinerator or incinerate any waste or refuse except as provided in 326 IAC 4-2 and 326 IAC 9-1-2.

**C.5 Fugitive Dust Emissions [326 IAC 6-4]**

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions). 326 IAC 6-4-2(4) is not federally enforceable.

**C.6 Stack Height [326 IAC 1-7]**

The Permittee shall comply with the applicable provisions of 326 IAC 1-7 (Stack Height Provisions), for all exhaust stacks through which a potential (before controls) of twenty-five (25) tons per year or more of particulate matter or sulfur dioxide is emitted. The provisions of 326 IAC 1-7-1(3), 326 IAC 1-7-2, 326 IAC 1-7-3(c) and (d), 326 IAC 1-7-4, and 326 IAC 1-7-5(a), (b), and (d) are not federally enforceable.

**C.7 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR Part 61, Subpart M]**

The Permittee shall comply with the applicable requirements of 326 IAC 14-10, 326 IAC 18, and 40 CFR 61.140.

## Testing Requirements [326 IAC 2-7-6(1)]

### C.8 Performance Testing [326 IAC 3-6]

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- (a) All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing any applicable procedures and analysis methods specified in 40 CFR 51, 40 CFR 60, 40 CFR 61, 40 CFR 63, 40 CFR 75, or other procedures approved by IDEM, OAQ.

A test protocol, except as provided elsewhere in this permit, shall be submitted to:

Indiana Department of Environmental Management  
Compliance Data Section, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2251

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ if the Permittee submits to IDEM, OAQ, a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

## Compliance Requirements [326 IAC 2-1.1-11]

### C.9 Compliance Requirements [326 IAC 2-1.1-11]

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The commissioner may require stack testing, monitoring, or reporting at any time to assure compliance with all applicable requirements by issuing an order under 326 IAC 2-1.1-11. Any monitoring or testing shall be performed in accordance with 326 IAC 3 or other methods approved by the commissioner or the U. S. EPA.

## Compliance Monitoring Requirements [326 IAC 2-7-5(1)] [326 IAC 2-7-6(1)]

### C.10 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

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Unless otherwise specified in this permit, all monitoring and record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance. If required by Section D, the Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment. If due to circumstances beyond its control, that equipment cannot be installed and operated within ninety (90) days, the Permittee may extend the compliance schedule related to the equipment for an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management  
Compliance Branch, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2251

in writing, prior to the end of the initial ninety (90) day compliance schedule, with full justification of the reasons for the inability to meet this date.

The notification which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Unless otherwise specified in the approval for the new emission unit(s), compliance monitoring for new emission units or emission units added through a source modification shall be implemented when operation begins.

**C.11 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]**

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Any monitoring or testing required by Section D of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, 40 CFR 60 Appendix B, 40 CFR 63, or other approved methods as specified in this permit.

**Corrective Actions and Response Steps [326 IAC 2-7-5] [326 IAC 2-7-6]**

**C.12 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]**

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Pursuant to 326 IAC 1-5-2 (Emergency Reduction Plans; Submission):

- (a) The Permittee prepared and submitted written emergency reduction plans (ERPs) consistent with safe operating procedures on May 17, 1999.
- (b) Upon direct notification by IDEM, OAQ, that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

**C.13 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68]**

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If a regulated substance, as defined in 40 CFR 68, is present at a source in more than a threshold quantity, the Permittee must comply with the applicable requirements of 40 CFR 68.

**C.14 Response to Excursions or Exceedances [326 IAC 2-7-5] [326 IAC 2-7-6]**

---

- (a) Upon detecting an excursion or exceedance, the Permittee shall restore operation of the emissions unit (including any control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions.
- (b) The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). Corrective actions may include, but are not limited to, the following:
  - (1) initial inspection and evaluation;
  - (2) recording that operations returned to normal without operator action (such as through response by a computerized distribution control system); or
  - (3) any necessary follow-up actions to return operation to within the indicator range, designated condition, or below the applicable emission limitation or standard, as applicable.
- (c) A determination of whether the Permittee has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include, but is not limited to, the following:
  - (1) monitoring results;

- (2) review of operation and maintenance procedures and records;
- (3) inspection of the control device, associated capture system, and the process.
- (d) Failure to take reasonable response steps shall be considered a deviation from the permit.
- (e) The Permittee shall maintain the following records:
  - (1) monitoring data;
  - (2) monitor performance data, if applicable; and
  - (3) corrective actions taken.

**C.15 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5] [326 IAC 2-7-6]**

- (a) When the results of a stack test performed in conformance with Section C – Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate response actions. The Permittee shall submit a description of these response actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize excess emissions from the affected facility while the response actions are being implemented.
- (b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline.
- (c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

The response action documents submitted pursuant to this condition do require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

**Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]**

**C.16 Emission Statement [326 IAC 2-7-5(3)(C)(iii)] [326 IAC 2-7-5(7)] [326 IAC 2-7-19(c)] [326 IAC 2-6]**

- (a) Pursuant to 326 IAC 2-6-3(a)(1), the Permittee shall submit by July 1 of each year an emission statement covering the previous calendar year. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4(c) and shall meet the following requirements:
  - (1) Indicate estimated actual emissions of all pollutants listed in 326 IAC 2-6-4(a);
  - (2) Indicate estimated actual emissions of regulated pollutants as defined by 326 IAC 2-7-1 (32) (“Regulated pollutant, which is used only for purposes of Section 19 of this rule”) from the source, for purpose of fee assessment.

The statement must be submitted to:

Indiana Department of Environmental Management  
Technical Support and Modeling Section, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2251

The emission statement does require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

- (b) The emission statement required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

C.17 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6] [326 IAC 2-2] [326 IAC 2-3]

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- (a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.
- (b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.
- (c) If there is a reasonable possibility that a “project” (as defined) in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(II) at an existing emissions unit, other than projects at a Clean Unit, which is not part of a “major modification” (as defined in 326 IAC 2-2-1(ee) and/or 326 IAC 2-3-1(z) may result in significant emissions increase and the Permittee elects to utilize the “projected actual emissions” (as defined in 326 IAC 2-2-1(rr) and/or 326 IAC 2-3-1(mm)) the Permittee shall comply with following:
  - (1) Before beginning actual construction of the “project” (as defined) in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(II) at an existing emissions unit, document and maintain the following records:
    - (A) A description of the project.
    - (B) Identification of any emissions unit whose emissions of a regulated new source review pollutant could be affected by the project.
    - (C) A description of the applicability test used to determine that the project is not a major modification for any regulated NSR pollutant, including:
      - (i) Baseline actual emissions;
      - (ii) Projected actual emissions;
      - (iii) Amount of emissions excluded under section 326 IAC 2-2-1(rr)(2)(A)(iii) and/or 326 IAC 2-3-1(mm)(2)(A)(3); and
      - (iv) An explanation for why the amount was excluded, and any netting calculations, if applicable.
  - (2) Monitor the emissions of any regulated NSR pollutant that could increase as a result of the project and that is emitted by any existing emissions unit identified in (1)(B) above; and

- (3) Calculate and maintain a record of the annual emissions, in tons per year on a calendar period of five (5) years following resumption of regular operations after the change, or for a period of ten (10) years following resumption of regular operations after the change if the project increases the design capacity of or the potential to emit that regulated NSR pollutant at the emissions unit.

C.18 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11] [326 IAC 2-2] [326 IAC 2-3]

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- (a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported. This report shall be submitted within thirty (30) days of the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:  
  
Indiana Department of Environmental Management  
Compliance Data Section, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2251
- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.
- (d) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (e) If the Permittee is required to comply with the recordkeeping provisions of (c) in Section C – General Record Keeping Requirements for any "project" (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(II)) at an existing emissions unit and the project meets the following criteria, then the Permittee shall submit a report to IDEM, OAQ:
  - (1) The annual emissions, in tons per year, from the project identified in (c)(1) in Section C – General Record Keeping Requirements exceed the baseline actual emissions, as documented and maintained under Section C – General Record Keeping Requirements (c)(1)(C)(i), by a significant amount, as defined in 326 IAC 2-2-1(xx) and/or 326 IAC 2-3-1(qq) for that regulated NSR pollutant, and
  - (2) The emissions differ from the preconstruction projection as documented and maintained under Section C – General Record Keeping Requirements (c)(1)(C)(ii).
- (f) The report for project at an existing emissions unit shall be submitted within sixty (60) days after the end of the year and contain the following:
  - (1) The name, address, and telephone number of the major stationary source.
  - (2) The annual emissions calculated in accordance with (c)(2) and (3) in Section C – General Record Keeping Requirements.

(3) The emissions calculated under the actual-to-projected actual test stated in 326 IAC 2-2-2(d)(3) and/or 326 IAC 2-3-2(c)(3).

(4) Any other information that the Permittee deems fit to include in this report,

Reports required in this part shall be submitted to:

Indiana Department of Environmental Management  
Air Compliance Section, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2251

(g) The Permittee shall make the information required to be documented and maintained in accordance with (c) in Section C – General Record Keeping Requirements available for review upon a request for inspection by IDEM, OAQ. The general public may request this information from the IDEM, OAQ under 326 IAC 17.1.

### **Stratospheric Ozone Protection**

#### **C.19 Compliance with 40 CFR 82 and 326 IAC 22-1**

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Pursuant to 40 CFR 82 (Protection of Stratospheric Ozone), Subpart F, except as provided for motor vehicle air conditioners in Subpart B, the Permittee shall comply with the standards for recycling and emissions reduction:

- (a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.
- (b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.
- (c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

## SECTION D.1

## FACILITY OPERATION CONDITIONS

### Facility Description [326 IAC 2-7-5(15)]:

- (a) one (1) natural gas fired boiler (ID No. BLR2), constructed in 1953, rated at 37.0 million (MM) British thermal units (Btu) per hour, exhausting through one (1) stack, identified as PH-D-2-2;
- (b) one (1) natural gas fired boiler (ID No. BLR4), constructed in 1966, rated at 72.0 million (MM) British thermal units (Btu) per hour, exhausting through one (1) stack, identified as PH-F-2-3;
- (c) one (1) natural gas fired boiler (ID No. BLR5), constructed in 1966, rated at 72.0 million (MM) British thermal units (Btu) per hour, exhausting through one (1) stack, identified as PH-G-2-4;

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

### Emission Limitations and Standards [326 IAC 2-7-5(1)]

#### D.1.1 Particulate [326 IAC 6-2-3]

Pursuant to 326 IAC 6-2-3 (Particulate Emission Limitations for Sources of Indirect Heating) the PM from each of the three (3) boilers (ID Nos. BLR2, BLR4 and BLR5) rated at 37, 72 and 72 MMBtu per hour, respectively, shall be limited to 0.3 pounds per MMBtu heat input.

This limitation is based on the following equation:

$$Pt = \frac{C \times a \times h}{76.5 \times Q^{0.75} \times N^{0.25}}$$

$$Pt = \frac{50 \times 0.67 \times 55}{76.5 \times 218^{0.75} \times 4^{0.25}} = 0.30 \text{ lb/MMBtu}$$

#### D.1.2 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B – Preventive Maintenance Plan, of this permit, is required for the three (3) boilers.

### Compliance Determination Requirements

#### D.1.3 Natural Gas

In order to demonstrate compliance with D.1.1, the source shall burn only natural gas.

### Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

#### D.1.4 Reporting Requirements

The natural gas boiler certification shall be submitted to the address listed in Section C – General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or its equivalent, within thirty (30) days after the end of the six (6) month period being reported. The natural gas-fired boiler certification does require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

## SECTION D.2

## FACILITY OPERATION CONDITIONS

### Facility Description [326 IAC 2-7-5(15)]:

- (d) one (1) condenser paint spray booth (ID No. 2PNT), constructed in 1973, using an air atomization spray application system, using a maximum of 15.1 gallons of coating per hour, using dry filters for particulate matter overspray control, and exhausting through two (2) stacks, identified as G-22-1 and E-23-2;

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

### Emission Limitations and Standards [326 IAC 2-7-5(1)]

#### D.2.1 Particulate [326 IAC 6-3-2(d)]

Pursuant to Part 70 Operating Permit 041-6896-00004, issued on February 17, 1999 and 326 IAC 6-3-2(d), particulate from the paint spray booth (ID No. 2PNT) shall be controlled by dry filters, and the Permittee shall operate the control device in accordance with manufacturer's specifications.

#### D.2.2 Hazardous Air Pollutants (HAPs)

- (a) The use of any single hazardous air pollutant (HAP), including coatings, dilution solvents, and cleaning solvents, shall be limited to less than nine and five tenths (9.5) tons per twelve (12) consecutive month period with compliance demonstrated at the end of each month. This usage limit is required to limit the potential to emit of each HAP to less than ten (10) tons per twelve (12) consecutive month period.
- (b) The total usage of hazardous air pollutants (HAPs), including coatings, dilution solvents, and cleaning solvents, shall be limited to less than twenty-three and seventy-five hundredths (23.75) tons per twelve (12) consecutive month period with compliance demonstrated at the end of each month. This usage limit is required to limit the potential to emit of total HAPs to less than twenty-five (25) tons per twelve (12) consecutive month period.

Compliance with these limits renders the requirements of the Clean Air Act Section 112 not applicable.

#### D.2.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B – Preventive Maintenance Plan, of this permit, is required for the paint spray booth (ID No. 2PNT) and its control device.

### Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)] [40 CFR Part 64]

#### D.2.4 Monitoring

- (a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the paint spray booth (ID No. 2PNT) stacks (GT-22-1, E-23-2) while the booth is in operation. If a condition exists which should result in a response step, the Permittee shall take reasonable steps in accordance with Section C – Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C – Response to Excursions or Exceedances shall be considered a deviation from this permit.

- (b) Monthly inspections shall be performed of the coating emissions from the stack and the presence of overspray on the rooftops and the nearby ground. When there is a noticeable change in overspray emission, or evidence of overspray emissions is observed, the Permittee shall take reasonable steps in accordance with Section C – Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C – Response to Excursions or Exceedances shall be considered a deviation from this permit.

Compliance with the above monitoring conditions shall also satisfy the requirements of 40 CFR 64, Compliance Assurance Monitoring for paint spray booth 2PNT.

### **Record Keeping and Reporting Requirement [326 IAC 2-7-5(3)] [326 IAC 2-7-19]**

#### **D.2.5 Record Keeping Requirements**

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- (a) To document compliance with Conditions D.2.2, the Permittee shall maintain records in accordance with (1) through (3) below. Records maintained for (1) through (3) shall be taken monthly and shall be complete and sufficient to establish compliance with the HAP usage limits and/or the HAP emission limits established in Condition D.2.2.
- (1) The amount and HAP content of each coating material and solvent used. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used. Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents;
  - (2) The total coating usage for each month; and
  - (3) The cleanup solvent usage for each month.
- (b) To document compliance with Condition D.2.4, the Permittee shall maintain a log of weekly overspray observations, daily and monthly inspections.
- (c) All records shall be maintained in accordance with Section C – General Record Keeping Requirements, of this permit.

#### **D.2.6 Reporting Requirements**

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A quarterly summary of the information to document compliance with Condition D.2.2 shall be submitted to the address(es) listed in Section C – General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

## SECTION D.3

## FACILITY OPERATION CONDITIONS

### Facility Description [326 IAC 2-7-5(15)]:

- (e) one (1) thermal de-oiler (De-oiler #1), constructed in 1998, processing a maximum of 6,000 pounds of metal parts per hour, using a maximum of 30 pounds of oil per hour, with a thermal incinerator using natural gas as supplementary fuel at a heat input rate of 7.5 million (MM) British thermal units (Btu) per hour for control of volatile organic compounds (VOC), exhausting through two (2) stacks (DO1 and DO2);
- (f) one (1) thermal de-oiler (De-oiler #2), constructed in 1998, processing a maximum of 2,400 pounds of metal parts per hour, using a maximum of 66.1 pounds of oil per hour, with a thermal incinerator using natural gas as supplementary fuel at a heat input rate of 2.3 MMBtu per hour for control of VOC, exhausting through one (1) stack (DO3);
- (g) one (1) thermal de-oiler (De-oiler #3), constructed in 2002, processing a maximum of 1,250 metal parts per hour, using a maximum of 17.62 pounds of oil per hour, equipped with a natural gas fired thermal incinerator for volatile organic compound (VOC) control. The thermal incinerator has a heat input rate of 5.5 million (MM) British thermal units (Btu) per hour;

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

### Emission Limitations and Standards [326 IAC 2-7-5(1)]

#### D.3.1 BACT Condition [326 IAC 8-1-6] [326 IAC 2-2]

- (a) Pursuant to 326 IAC 8-1-6 and CP-041-9441-00004, issued April 27, 1998, the thermal incinerators (rated at 7.5 MMBtu per hour and 2.3 MMBtu per hour, respectively) on each of the two (2) thermal de-oilers (De-oiler #1 and #2) shall be in operation at all times that each of the de-oilers is in operation. When operating, the thermal incinerators on De-oiler #1 and De-oiler #2 shall maintain minimum operating temperatures of 1,500°F and 1,560°F, respectively, and a gas residence time in the oxidizing zone for each incinerator of 1.0 second, or a temperature and gas residence time determined in the compliance tests (described in Condition D.3.3) to maintain at least 95% destruction of VOC captured and a capture efficiency of 100%.
- (b) Pursuant to 326 IAC 8-1-6 and Second Significant Permit Modification No.: 041-16488-00004, issued on August 15, 2003, the thermal incinerator (rated at 5.5 MMBtu per hour) on the one (1) thermal de-oiler (De-oiler #3) shall be in operation at all times that the de-oiler is in operation. The thermal de-oiler shall use less than 77.18 tons of oil per 12 consecutive month period, with compliance determined at the end of each month. The VOC shall be limited to 0.82 pound of VOC/ pound of oil used. These limits are required to limit VOC emissions for the thermal de-oiler to less than 63.29 tons of VOC per 12 consecutive month period. VOC emissions from the thermal de-oiler shall be controlled using the thermal incinerator with a minimum overall VOC control efficiency (including capture and destruction efficiencies) of 95%. Compliance with the requirement shall also render 326 IAC 2-2 not applicable.

#### D.3.2 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B – Preventive Maintenance Plan, of this permit, is required for each thermal de-oiler (De-oiler #1, #2 and #3) and each of the thermal incinerators controlling VOC emissions.

## Compliance Determination Requirements

### D.3.3 Testing Requirements [326 IAC 2-7-6(1),(6)]

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- (a) The Permittee shall perform VOC testing on each of the two (2) thermal incinerators, controlling VOC emissions from the two (2) thermal de-oilers (De-oiler #1 and De-oiler #2), between May 2005 and November 2005, to demonstrate compliance with Condition D.3.1(a) utilizing methods as approved by the Commissioner.

This test shall be repeated at least once every five (5) years from the date of this valid compliance demonstration. In addition to these requirements, IDEM may require compliance testing when necessary to determine if the facility is in compliance.

- (b) The Permittee shall perform VOC testing on Thermal De-oiler #3 within five years of the date of the most recent stack test to confirm the validity of the uncontrolled VOC emission factor of 0.82 pound of VOC emitted per pound of oil used, as well as the VOC control efficiency for the one (1) thermal incinerator, as required in Condition D.3.1(b), utilizing methods as approved by the Commissioner. These tests shall be repeated at least once every five (5) years from the date of this valid compliance demonstration. In addition to these requirements, IDEM may require compliance testing when necessary to determine if the facility is in compliance.

## Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)] [40 CFR Part 64]

### D.3.4 Monitoring

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- (a) A continuous monitoring system shall be calibrated, maintained, and operated on the thermal incinerator for measuring operating temperature and residence time. The temperature output of this system shall be recorded as a three (3) hour average. From the date of issuance of this permit until the approved stack test results are available, the Permittee shall take appropriate response steps in accordance with Section C – Response to Excursions or Exceedances whenever the three (3) hour average temperature of the thermal incinerator is below 1500°F and the gas residence time in the oxidizing zone for the incinerator is below 1.5 seconds. A three (3) hour average temperature that is below 1500°F and a gas residence time that is below 1.5 seconds are not deviations from this permit. Failure to take response steps in accordance with Section C – Response to Excursions or Exceedances shall be considered a deviation from this permit.
- (b) The Permittee shall determine the three (3) hour average temperature and the gas residence time from the most recent valid stack test that demonstrates compliance with limits in condition D.3.1, as approved by IDEM.
- (c) On and after the date the approved stack test results are available, the Permittee shall take appropriate response steps in accordance with Section C – Response to Excursions or Exceedances whenever the three (3) hour average temperature and gas residence time of the thermal incinerator are below the three (3) hour average temperature and gas residence time as observed during the compliant stack test. A three (3) hour average temperature and gas residence time that are below the three (3) hour average temperature and gas residence time as observed during the compliant stack test is not a deviation from this permit. Failure to take response steps in accordance with Section C – Response to Excursions or Exceedances shall be considered a deviation from this permit.

Compliance with the above monitoring conditions shall also satisfy the requirements of 40 CFR 64, Compliance Assurance Monitoring for De-oiler #1.

## **Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]**

### **D.3.5 Record Keeping Requirements**

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- (a) To document compliance with Conditions D.3.1(a), the Permittee shall maintain records of the operating temperature and the gas residence time in the oxidizing zone for each of the two (2) thermal incinerators, controlling VOC emissions from the two (2) thermal de-oilers (De-oiler #1 and De-oiler #2).
- (b) To document compliance with Conditions D.3.1(b) and D.3.4, the Permittee shall maintain records in accordance with (1) through (4) below. Records maintained for (1) through (4) shall be taken as stated below and shall be complete and sufficient to establish compliance with the VOC emission limits established in Condition D.3.1(b).
  - (1) The amount and VOC content of each de-oiling material and solvent used. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used. Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents;
  - (2) The total VOC usage for each month;
  - (3) The continuous temperature records for the thermal incinerator and the temperature used to demonstrate compliance during the most recent compliance stack test.
  - (4) The gas residence time in the oxidizing zone for the thermal incinerator to demonstrate compliance during the most recent compliance stack test.
- (c) All records shall be maintained in accordance with Section C – General Record Keeping Requirements, of this permit.

### **D.3.6 Reporting Requirements**

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A quarterly summary of the information to document compliance with Condition D.3.1(b) shall be submitted to the address(es) listed in Section C – General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

**SECTION D.4**

**FACILITY CONDITIONS**

**Facility Description [326 IAC 2-7-5(15)]:**

- (h) one (1) compressor flushing and testing operation (ID No. FLUSH), constructed in 1979, using a maximum of 0.61 gallons of solvent per hour;
- (i) one (1) induction brazing operation (ID No. BRAZING), constructed in 1974, using a maximum of 2.3 pounds of brazing flux solvent per hour;

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

**Emission Limitations and Standards [326 IAC 2-7-5(1)]**

There are no Emission Limitations and Standards applicable to these emission units.

## SECTION D.5

## FACILITY OPERATION CONDITIONS

### Facility Description [326 IAC 2-7-5(15)]:

- (j) one (1) anodizing tank, constructed in 1999, utilizing a maximum of 15 pounds per hour of acid solution, with acid mist controlled by a fume scrubber; and
- (k) machining operations, constructed in 1999, with a maximum throughput of 1,965 pounds of parts per hour with five (5) oil mist collectors for controls (OMC Nos. 1 through 5). The operations consist of steel turning and grinding, scroll milling, scroll turning, and front and rear heads.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

### Emission Limitations and Standards [326 IAC 2-7-5(1)]

#### D.5.1 Particulate [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes):

- (a) the allowable particulate emission rate from the anodizing tank shall not exceed 1.41 pounds per hour when operating at a process weight rate of 405 pounds per hour;
- (b) the allowable particulate emission rate from the machining operations shall not exceed 4.09 pounds per hour when operating at a process weight rate of 1,990 tons per hour.

The pounds per hour limitation was calculated using the following equation:

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour; and} \\ P = \text{process weight rate in tons per hour}$$

### Compliance Determination Requirements

#### D.5.2 Particulate Control

Pursuant to T041-6896-00004, issued on February 17, 1999, and in order to comply with D.5.1(a) and (b), respectively:

- (a) the scrubber for particulate control shall be in operation and control emissions from the anodizing tank at all times that the anodizing tank is in operation.
- (b) the oil mist eliminators for particulate control shall be in operation and control emissions from the machining operations at all times that the machining operations are in operation.

## INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF AIR QUALITY

### PART 70 OPERATING PERMIT CERTIFICATION

Source Name: Visteon Systems, LLC  
Source Address: 4747 Western Avenue, Connersville, Indiana 47331  
Mailing Address: 4747 Western Avenue, Connersville, Indiana 47331  
Part 70 Permit No.: T 041-17640-00004

**This certification shall be included when submitting monitoring, testing reports/results or other documents as required by this permit.**

Please check what document is being certified:

- Annual Compliance Certification Letter
- Test Result (specify): \_\_\_\_\_
- Report (specify): \_\_\_\_\_
- Notification (specify): \_\_\_\_\_
- Affidavit (specify): \_\_\_\_\_
- Other (specify): \_\_\_\_\_

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature:

Printed Name:

Title/Position:

Phone:

Date:

## INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

**OFFICE OF AIR QUALITY  
COMPLIANCE BRANCH  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2251  
Phone: 317-233-0178  
Fax: 317-233-6865**

### **PART 70 OPERATING PERMIT EMERGENCY OCCURRENCE REPORT**

Source Name: Visteon Systems, LLC  
Source Address: 4747 Western Avenue, Connersville, Indiana 47331  
Mailing Address: 4747 Western Avenue, Connersville, Indiana 47331  
Part 70 Permit No.: T 041-17640-00004

This form consists of 2 pages

Page 1 of 2

<input type="checkbox"/>	This is an emergency as defined in 326 IAC 2-7-1(12) <ul style="list-style-type: none"><li>• The Permittee must notify the Office of Air Quality (OAQ), within four (4) business hours (1-800-451-6027 or 317-233-0178, ask for Compliance Section); and</li><li>• The Permittee must submit notice in writing or by facsimile within two (2) days (Facsimile Number: 317-233-6865), and follow the other requirements of 326 IAC 2-7-16.</li></ul>
--------------------------	---

If any of the following are not applicable, mark N/A

Facility/Equipment/Operation:
Control Equipment:
Permit Condition or Operation Limitation in Permit:
Description of the Emergency
Describe the cause of the Emergency

If any of the following are not applicable, mark N/A

**Page 2 of 2**

Date/Time Emergency started:
Date/Time Emergency was corrected:
Was the facility being properly operated at the time of the emergency? <input type="checkbox"/> Y <input type="checkbox"/> N Describe:
Type of Pollutants Emitted: <input type="checkbox"/> TSP <input type="checkbox"/> PM-10 <input type="checkbox"/> SO <sub>2</sub> <input type="checkbox"/> VOC <input type="checkbox"/> NO <sub>x</sub> <input type="checkbox"/> CO <input type="checkbox"/> Pb <input type="checkbox"/> other:
Estimated amount of pollutant(s) emitted during emergency:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed By: \_\_\_\_\_

Title/Position: \_\_\_\_\_

Date: \_\_\_\_\_

Phone: \_\_\_\_\_

Attach a signed certification to complete this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
COMPLIANCE DATA SECTION**

**PART 70 OPERATING PERMIT  
SEMI-ANNUAL NATURAL GAS FIRED BOILER CERTIFICATION**

Source Name: Visteon Systems, LLC  
Source Address: 4747 Western Avenue, Connersville, Indiana 47331  
Mailing Address: 4747 Western Avenue, Connersville, Indiana 47331  
Part 70 Permit No.: T 041-17640-00004

<input type="checkbox"/> Natural Gas Only
<input type="checkbox"/> Alternate Fuel burned
From: _____ To: _____

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
Signature:
Printed Name:
Title/Position:
Phone:
Date:

A certification by the responsible official as defined by 326 IAC 2-7-1(34) is required for this report.

# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF AIR QUALITY COMPLIANCE DATA SECTION

## Part 70 Quarterly Report

Source Name: Visteon Systems, LLC  
Source Address: 4747 Western Avenue, Connersville, Indiana 47331  
Mailing Address: 4747 Western Avenue, Connersville, Indiana 47331  
Part 70 Permit No.: T 041-17640-00004  
Facility: Condenser Paint Spray Booth (2PNT)  
Parameter: Single HAP Usage Limit  
Limit: The condenser paint spray booth (ID No. 2PNT) shall use less than 9.5 tons of any single HAP per 12 consecutive month period, with compliance determined at the end of each month.

YEAR: \_\_\_\_\_

HAP Name: \_\_\_\_\_

Month	Column 1	Column 2	Column 1 + Column 2
	Single HAP Usage This Month	Single HAP Usage Previous 11 Months	12 Month Total Single HAP Usage
Month 1			
Month 2			
Month 3			

- No deviation occurred in this quarter.
- Deviations occurred in this quarter.  
Deviation has been reported on: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Title/Position: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Phone: \_\_\_\_\_

Attach a signed certification to complete this report.

# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF AIR QUALITY COMPLIANCE DATA SECTION

## Part 70 Quarterly Report

Source Name: Visteon Systems, LLC  
Source Address: 4747 Western Avenue, Connersville, Indiana 47331  
Mailing Address: 4747 Western Avenue, Connersville, Indiana 47331  
Part 70 Permit No.: T 041-17640-00004  
Facility: Condenser Paint Spray Booth (2PNT)  
Parameter: Total HAP Usage Limit  
Limit: The condenser paint spray booth (ID No. 2PNT) shall use less than 23.75 tons of total HAP per 12 consecutive month period, with compliance determined at the end of each month.

YEAR: \_\_\_\_\_

Month	Column 1	Column 2	Column 1 + Column 2
	Total HAP Usage This Month	Total HAP Usage Previous 11 Months	12 Month Total Combination HAP Usage
Month 1			
Month 2			
Month 3			

- No deviation occurred in this quarter.
- Deviations occurred in this quarter.  
Deviation has been reported on: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Title/Position: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Phone: \_\_\_\_\_

Attach a signed certification to complete this report.

# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF AIR QUALITY COMPLIANCE DATA SECTION

## Part 70 Quarterly Report

Source Name: Visteon Systems, LLC  
Source Address: 4747 Western Avenue, Connersville, Indiana 47331  
Mailing Address: 4747 Western Avenue, Connersville, Indiana 47331  
Part 70 Permit No.: T 041-17640-00004  
Facility: Thermal De-oiler #3  
Parameter: VOC  
Limit: The thermal de-oiler shall use less than 77.18 tons of oil per 12 consecutive month period, with compliance determined at the end of each month.

YEAR: \_\_\_\_\_

Month	Column 1	Column 2	Column 1 + Column 2
	Oil Usage This Month	Oil Usage Previous 11 Months	12 Month Total Oil Usage
Month 1			
Month 2			
Month 3			

- No deviation occurred in this quarter.
- Deviations occurred in this quarter.  
Deviation has been reported on: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Title/Position: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Phone: \_\_\_\_\_

Attach a signed certification to complete this report.

# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF AIR QUALITY COMPLIANCE DATA SECTION

## PART 70 OPERATING PERMIT QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT

Source Name: Visteon Systems, LLC  
Source Address: 4747 Western Avenue, Connersville, Indiana 47331  
Mailing Address: 4747 Western Avenue, Connersville, Indiana 47331  
Part 70 Permit No.: T 041-17640-00004

Months: \_\_\_\_\_ to \_\_\_\_\_ Year: \_\_\_\_\_

Page 1 of 2

This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. A deviation required to be reported pursuant to an applicable requirement that exists independent of the permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD

**Permit Requirement** (specify permit condition #)

**Date of Deviation:**

**Duration of Deviation:**

**Number of Deviations:**

**Probable Cause of Deviation:**

**Response Steps Taken:**

**Permit Requirement** (specify permit condition #)

**Date of Deviation:**

**Duration of Deviation:**

**Number of Deviations:**

**Probable Cause of Deviation:**

**Response Steps Taken:**

<b>Permit Requirement</b> (specify permit condition #)	
<b>Date of Deviation:</b>	<b>Duration of Deviation:</b>
<b>Number of Deviations:</b>	
<b>Probable Cause of Deviation:</b>	
<b>Response Steps Taken:</b>	
<b>Permit Requirement</b> (specify permit condition #)	
<b>Date of Deviation:</b>	<b>Duration of Deviation:</b>
<b>Number of Deviations:</b>	
<b>Probable Cause of Deviation:</b>	
<b>Response Steps Taken:</b>	
<b>Permit Requirement</b> (specify permit condition #)	
<b>Date of Deviation:</b>	<b>Duration of Deviation:</b>
<b>Number of Deviations:</b>	
<b>Probable Cause of Deviation:</b>	
<b>Response Steps Taken:</b>	

Form Completed By: \_\_\_\_\_

Title/Position: \_\_\_\_\_

Date: \_\_\_\_\_

Phone: \_\_\_\_\_

Attach a signed certification to complete this report.

## Indiana Department of Environmental Management Office of Air Quality

### Addendum to the Technical Support Document (TSD) for a Part 70 Significant Permit Modification

#### Source Description and Location

Source Name:	Visteon Systems, LLC
Source Location:	4747 Western Avenue, Connersville, Indiana 47331
County:	Fayette
SIC Code:	3714
Operation Permit Renewal No.:	T 041-17640-00004
Permit Renewal Issuance Date:	August 12, 2004
Significant Permit Modification No.:	041-22770-00004
Permit Reviewer:	Kimberly Cottrell

#### Public Notice Information

On July 14, 2006, the Office of Air Quality (OAQ) had a notice published in the News Examiner, in Connersville, Indiana, stating that Visteon Systems, LLC had applied for a Part 70 Operating Permit to update the list of emission units, incorporate emission limitations on hazardous air pollutants (HAP), and remove permit conditions that are no longer necessary after implementation of the minor HAP limits. The notice also stated that OAQ proposed to issue a permit for this operation and provided information on how the public could review the proposed permit and other documentation. Finally, the notice informed interested parties that there was a period of thirty (30) days to provide comments on whether or not this permit should be issued as proposed.

#### Summary of Changes

Upon further review, the OAQ has decided to make the revisions to the permit. The summary of the changes to the permit (language deleted is shown in ~~strikeout~~ and language added is shown in **bold**) is as follows:

#### **Change No. 1:**

The last sentence of original Condition C.4, Incineration, was deleted because the provisions of 326 IAC 9-1-2 are federally enforceable and are included in Indiana's State Implementation Plan (SIP).

#### **C.4 Incineration [326 IAC 4-2] [326 IAC 9-1-2]**

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The Permittee shall not operate an incinerator or incinerate any waste or refuse except as provided in 326 IAC 4-2 and 326 IAC 9-1-2. ~~326 IAC 9-1-2 is not federally enforceable.~~

**Change No. 2:**

On August 7, 2006, a temporary emergency rule took effect redesignating Delaware, Greene, Jackson, Vanderburgh, Vigo and Warrick Counties to attainment for the eight-hour ozone standard, redesignating Lake County to attainment for the sulfur dioxide standard, and **revoking the one-hour ozone standard in Indiana**. The Indiana Air Pollution Control Board has approved a permanent rule revision to incorporate these changes into 326 IAC 1-4-1. The permanent revision to 326 IAC 1-4-1 will take effect prior to the expiration of the emergency rule. There are no applicable changes to this permit; however, the corrections to the attainment status from the Technical Support Document (TSD) are as follows:

<b>Pollutant</b>	<b>Status</b>
PM <sub>10</sub>	Attainment
PM <sub>2.5</sub>	Attainment
SO <sub>2</sub>	Attainment
NO <sub>2</sub>	Attainment
<del>1-hour Ozone</del>	<del>Attainment</del>
8-hour Ozone	Attainment
CO	Attainment
Lead	Attainment

- (c) Fayette County has been classified as attainment or unclassifiable for PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>2</sub>, ~~1-hour ozone~~, CO and Lead. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

The Technical Support Document reflects the permit that was on Public Notice. Changes to the permit or technical support material that occur after Public Notice are documented in this Addendum to the Technical Support Document. This accomplishes the desired result of ensuring that these types of concerns are documented and part of the record regarding this permit decision.

## Indiana Department of Environmental Management Office of Air Quality

### Technical Support Document (TSD) for a Part 70 Significant Permit Modification

#### Source Description and Location

Source Name:	Visteon Systems, LLC
Source Location:	4747 Western Avenue, Connersville, Indiana 47331
County:	Fayette
SIC Code:	3714
Operation Permit Renewal No.:	T 041-17640-00004
Permit Renewal Issuance Date:	August 12, 2004
Significant Permit Modification No.:	041-22770-00004
Permit Reviewer:	Kimberly Cottrell

#### Existing Approvals

The source was issued Part 70 Operating Permit No. 041-17640-00004 on August 12, 2004. The source has since received a Significant Permit Modification, No. 041-22151-00004, issued on May 30, 2006.

#### County Attainment Status

The source is located in Fayette County.

Pollutant	Status
PM <sub>10</sub>	Attainment
PM <sub>2.5</sub>	Attainment
SO <sub>2</sub>	Attainment
NO <sub>2</sub>	Attainment
1-hour Ozone	Attainment
8-hour Ozone	Attainment
CO	Attainment
Lead	Attainment

- (a) Volatile organic compounds (VOC) and nitrogen oxides (NO<sub>x</sub>) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone. Therefore, VOC and NO<sub>x</sub> emissions are considered when evaluating the rule applicability relating to ozone. Fayette County has been designated as attainment or unclassifiable for ozone. Therefore, VOC and NO<sub>x</sub> emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

- (b) Fayette County has been classified as attainment for PM<sub>2.5</sub>. U.S. EPA has not yet established the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2 for PM<sub>2.5</sub> emissions. Therefore, until the U.S.EPA adopts specific provisions for PSD review for PM<sub>2.5</sub> emissions, it has directed states to regulate PM<sub>10</sub> emissions as a surrogate for PM<sub>2.5</sub> emissions.
- (c) Fayette County has been classified as attainment or unclassifiable for PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>2</sub>, 1-hour ozone, CO and Lead. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.
- (d) Fugitive Emissions  
Since this type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2 or 326 IAC 2-3, fugitive emissions are not counted toward the determination of PSD and Emission Offset applicability.

### Actual Emissions

The following table shows the actual emissions from the source. This information reflects the 2004 OAQ emission data.

Pollutant	Actual Emissions (tons/year)
Ammonia	0.36
CO	9.51
Pb	0.00
NO <sub>x</sub>	11.32
Hg	0.0000294
PM	1.08
PM <sub>2.5</sub>	0.95
PM <sub>10</sub>	0.97
SO <sub>2</sub>	0.07
VOC	51.08
Methyl Ethyl Ketone (delisted HAP)	Not Reported
Total HAP	Not Reported

### Background and Description of Proposed Modification

The Office of Air Quality (OAQ) has reviewed a modification application, submitted by Visteon Systems, LLC, on February 28, 2006, requesting IDEM, OAQ, to update the list of emission units, incorporate emission limitations on hazardous air pollutants (HAP), and remove permit conditions that are no longer necessary after implementation of the minor HAP limits. Hazardous air pollutant (HAP) emissions are limited to less than 10 tons per year for any single HAP and less than 25 tons per year for any combination of HAPs; therefore, the requirements of Section 112 of the Clean Air Act do not apply.

Changes to the permit are detailed in the Proposed Changes section of this document.

### Enforcement Issues

There are no pending enforcement actions related to this modification.

### **Emission Calculations**

Hazardous air pollutant (HAP) emissions are limited to less than 10 tons per year for any single HAP and less than 25 tons per year for any combination of HAPs. See Appendix A of this document for detailed calculations of the HAP limits.

### **Permit Level Determination – Part 70**

Pursuant to 326 IAC 2-1.1-1(16), Potential to Emit is defined as “the maximum capacity of a stationary source or emission unit to emit any air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or type or amount of material combusted, stored, or processed shall be treated as part of its design if the limitation is enforceable by the U.S. EPA, IDEM, or the appropriate local air pollution control agency.”

There is no increase in the potential to emit of any regulated pollutants associated with this modification.

This modification to the Part 70 Operating Permit will be through a significant permit modification issued pursuant to 326 IAC 2-7-12 (d), because the modification requires significant changes in existing monitoring Part 70 permit terms and conditions, and requires relaxing recordkeeping permit terms and conditions.

### **Federal Rule Applicability Determination**

The following federal rules are applicable to the source at the time of this modification:

- (a) There are no New Source Performance Standards (NSPS) (326 IAC 12 and 40 CFR Part 60) applicable as a result of this permit modification.
- (b) Hazardous air pollutant (HAP) emissions are limited to less than 10 tons per year for any single HAP and less than 25 tons per year for any combination of HAPs; therefore, the requirements of the National Emission Standards for Hazardous Air Pollutants do not apply.

### **State Rule Applicability Determination**

There are no new state rules applicable to the source due to this modification.

### **Compliance Determination and Monitoring Requirements**

Permits issued under 326 IAC 2-7 are required to ensure that sources can demonstrate compliance with all applicable state and federal rules on a continuous basis. All state and federal rules contain compliance provisions, however, these provisions do not always fulfill the requirement for a continuous demonstration. When this occurs IDEM, OAQ, in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-7-5. As a result, Compliance Determination Requirements are included in the permit. The Compliance Determination Requirements in Section D of the permit are those conditions that are found directly within state and federal rules and the violation of which serves as grounds for enforcement action.

If the Compliance Determination Requirements are not sufficient to demonstrate continuous compliance, they will be supplemented with Compliance Monitoring Requirements, also in Section D of the permit. Unlike Compliance Determination Requirements, failure to meet Compliance Monitoring conditions would serve as a trigger for corrective actions and not grounds for enforcement action. However, a violation in relation to a compliance monitoring condition will arise through a source's failure to take the appropriate corrective actions within a specific time period.

Changes to the compliance determination and monitoring requirements are detailed in the Proposed Changes section of this document.

### Proposed Changes

The changes listed below have been made to Part 70 Operating Permit No. (041-17640-00004). Deleted language appears as ~~strikethroughs~~ and new language appears in **bold**:

#### Modification No. 1:

All references to the IDEM, OAQ, Compliance Section telephone number have been revised as follows: ~~317-233-5674~~ **317-233-0178**. All references to the IDEM, OAQ, Compliance Section facsimile number have been revised as follows: ~~317-233-5967~~ **317-233-6865**.

#### Modification No. 2:

Condition A.1, General Information, was revised as follows to clarify source status including specifying that the source operations are not one of the 28 listed source categories:

##### A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)] [326 IAC 2-7-1(22)]

The Permittee owns and operates a stationary automotive parts manufacturing plant.

Responsible Official:	Plant Manager
Source Address:	4747 Western Avenue, Connersville, Indiana 47331
Mailing Address:	4747 Western Avenue, Connersville, Indiana 47331
General Source Phone Number:	(765) 827-7001
SIC Code:	3714
County Location:	Fayette
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Permit Program Major Source, under PSD Rules; <del>Major</del> <b>Minor</b> Source, Section 112 of the Clean Air Act <b>Not 1 of 28 Source Categories</b>

#### Modification No. 3:

Based on information submitted by Visteon Systems, LLC, the following revisions were made to Condition A.2 and the Facility Descriptions in each of the corresponding D Sections to update the list of emission units and denote equipment that has been removed:

- (a) one (1) natural gas fired boiler (ID No. BLR2), constructed in 1953, rated at 37.0 million (MM) British thermal units (Btu) per hour, exhausting through one (1) stack, identified as PH-D-2-2;
- (b) one (1) natural gas fired boiler (ID No. BLR4), constructed in 1966, rated at 72.0 million (MM) British thermal units (Btu) per hour, exhausting through one (1) stack, identified as PH-F-2-3;

- (c) one (1) natural gas fired boiler (ID No. BLR5), constructed in 1966, rated at 72.0 million (MM) British thermal units (Btu) per hour, exhausting through one (1) stack, identified as PH-G-2-4;
- (d) one (1) condenser paint spray booth (ID No. 2PNT), constructed in 1973, using an air atomization spray application system, using a maximum of 15.1 gallons of coating per hour, using dry filters for particulate matter overspray control, and exhausting through two (2) stacks, identified as G-22-1 and E-23-2;
- ~~(e) one (1) maintenance paint spray booth (ID No. MAINTPAINT), constructed in 1998, using either an air assisted spray application system, a roller application system, or a brush application system, as well as paint spraying from various aerosol cans, using a maximum of 0.048 gallons of coating per hour, using dry filters for particulate matter overspray control, and exhausting through one (1) stack, identified as MAINTPAINT;~~
- (fe) one (1) thermal de-oiler (De-oiler #1), constructed in 1998, processing a maximum of 6,000 pounds of metal parts per hour, using a maximum of 30 pounds of oil per hour, with a thermal incinerator using natural gas as supplementary fuel at a heat input rate of 7.5 million (MM) British thermal units (Btu) per hour for control of volatile organic compounds (VOC), exhausting through two (2) stacks (DO1 and DO2);
- (gf) one (1) thermal de-oiler (De-oiler #2), constructed in 1998, processing a maximum of 2,400 pounds of metal parts per hour, using a maximum of 66.1 pounds of oil per hour, with a thermal incinerator using natural gas as supplementary fuel at a heat input rate of 2.3 MMBtu per hour for control of VOC, exhausting through one (1) stack (DO3);
- (hg) one (1) thermal de-oiler (De-oiler #3), constructed in 2002, processing a maximum of 1,250 metal parts per hour, using a maximum of 17.62 pounds of oil per hour, equipped with a natural gas fired thermal incinerator for volatile organic compound (VOC) control. The thermal incinerator has a heat input rate of 5.5 million (MM) British thermal units (Btu) per hour;
- ~~(i) one (1) metal part spray cleaning operation (ID No. SPCL), constructed in 1979, using a maximum of 0.19 gallons of solvent per hour;~~
- (jh) one (1) compressor flushing and testing operation (ID No. FLUSH), constructed in 1979, using a maximum of 0.61 gallons of solvent per hour;
- (ki) one (1) induction brazing operation (ID No. BRAZING), constructed in 1974, using a maximum of 2.3 pounds of brazing flux solvent per hour;
- ~~(l) one (1) North Solder Line (ID No. SOLDER1), constructed in 1970, using a maximum of 14.5 pounds of solder flux solvent per hour;~~
- ~~(m) one (1) South Solder Line (ID No. SOLDER2), constructed in 1970, using a maximum of 14.5 pounds of solder flux solvent per hour;~~
- (nj) one (1) anodizing tank, constructed in 1999, utilizing a maximum of 15 pounds per hour of acid solution, with acid mist controlled by a fume scrubber; and
- (ek) machining operations, constructed in 1999, with a maximum throughput of 1,965 pounds of parts per hour with five (5) oil mist collectors for controls (OMC Nos. 1 through 5). The operations consist of steel turning and grinding, scroll milling, scroll turning, and front and rear heads.

#### Modification No. 4:

In order to avoid duplication of requirements that may be included in D sections, Condition C.6 – Operation of Equipment has been removed from the permit. The remaining Section C conditions were renumbered as necessary.

~~C.6 — Operation of Equipment [326 IAC 2-7-6(6)]~~

~~Except as otherwise provided by statute or rule, or in this permit, all air pollution control equipment listed in this permit and used to comply with an applicable requirement shall be operated at all times that the emission units vented to the control equipment are in operation.~~

#### Modification No. 5:

Revisions to have been made to the Section C – General Recordkeeping and Section C – General Reporting Requirements (original Conditions C.18 and C.19) to reflect NSR (New Source Review) reform provisions at the major sources.

**C.187 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6] [326 IAC 2-2] [326 IAC 2-3]**

- (a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.
- (b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.
- (c) If there is a reasonable possibility that a “project” (as defined) in 326 IAC 2-2-1(qq) **and/or 326 IAC 2-3-1(II)** at an existing emissions unit, other than projects at a Clean Unit, which is not part of a “major modification” (as defined in 326 IAC 2-2-1(ee) **and/or 326 IAC 2-3-1(z)**) may result in significant emissions increase and the Permittee elects to utilize the “projected actual emissions” (as defined in 326 IAC 2-2-1(rr) **and/or 326 IAC 2-3-1(mm)**) the Permittee shall comply with following:
  - (1) Before beginning actual construction of the “project” (as defined) in 326 IAC 2-2-1(qq) **and/or 326 IAC 2-3-1(II)** at an existing emissions unit, document and maintain the following records:
    - (A) A description of the project.
    - (B) Identification of any emissions unit whose emissions of a regulated new source review pollutant could be affected by the project.
    - (C) A description of the applicability test used to determine that the project is not a major modification for any regulated NSR pollutant, including:
      - (i) Baseline actual emissions;
      - (ii) Projected actual emissions;
      - (iii) Amount of emissions excluded under section 326 IAC 2-2-1(rr)(2)(A)(iii) **and/or 326 IAC 2-3-1(mm)(2)(A)(3)**; and

- (iv) An explanation for why the amount was excluded, and any netting calculations, if applicable.
- (2) Monitor the emissions of any regulated NSR pollutant that could increase as a result of the project and that is emitted by any existing emissions unit identified in (1)(B) above; and
- (3) Calculate and maintain a record of the annual emissions, in tons per year on a calendar period of five (5) years following resumption of regular operations after the change, or for a period of ten (10) years following resumption of regular operations after the change if the project increases the design capacity of or the potential to emit that regulated NSR pollutant at the emissions unit.

**C.198 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11] [326 IAC 2-2] [326 IAC 2-3]**

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- (a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported. This report shall be submitted within thirty (30) days of the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:  
  
Indiana Department of Environmental Management  
Compliance Data Section, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2251
- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.
- (d) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (e) If the Permittee is required to comply with the recordkeeping provisions of (c) in Section C – General Record Keeping Requirements for any "project" (as defined in 326 IAC 2-2-1(qq) ~~and 326 IAC 2-2-1(##)~~ **and/or 326 IAC 2-3-1(II)**) at an existing emissions unit and the project meets the following criteria, then the Permittee shall submit a report to IDEM, OAQ:
  - (1) The annual emissions, in tons per year, from the project identified in (c)(1) in Section C – General Record Keeping Requirements exceed the baseline actual emissions, as documented and maintained under Section C – General Record Keeping Requirements (c)(1)(C)(i), by a significant amount, as defined in 326 IAC 2-2-1(xx) **and/or 326 IAC 2-3-1(qq)** for that regulated NSR pollutant, and
  - (2) The emissions differ from the preconstruction projection as documented and maintained under Section C – General Record Keeping Requirements (c)(1)(C)(ii).
- (f) The report for project at an existing emissions unit shall be submitted within sixty (60) days after the end of the year and contain the following:

- (1) The name, address, and telephone number of the major stationary source.
- (2) The annual emissions calculated in accordance with (c)(2) and (3) in Section C – General Record Keeping Requirements.
- (3) The emissions calculated under the actual-to-projected actual test stated in 326 IAC 2-2-2(d)(3) **and/or 326 IAC 2-3-2(c)(3)**.
- (4) Any other information that the Permittee deems fit to include in this report,

Reports required in this part shall be submitted to:

Indiana Department of Environmental Management  
Air Compliance Section, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2251

- (g) The Permittee shall make the information required to be documented and maintained in accordance with (c) in Section C – General Record Keeping Requirements available for review upon a request for inspection by IDEM, OAQ. The general public may request this information from the IDEM, OAQ under 326 IAC 17.1.

#### Modification No. 6:

An enforceable limit on hazardous air pollutant (HAP) emissions was requested by Visteon Systems, LLC. Condition D.2.2 was added to Section D.2 to specify the new limit and appropriate record keeping and reporting requirements were incorporated to enforce the new limits. Hazardous air pollutant (HAP) emissions are limited to less than 10 tons per year for any single HAP and less than 25 tons per year for any combination of HAPs. This limit renders the requirements of Section 112 of the Clean Air Act not applicable. As a result of the minor limit on HAP emissions, Conditions D.1.1, D.1.2, D.1.6, D.2.1, D.2.2, D.2.6, and D.2.8 are no longer necessary and have been removed from the permit. The remaining Section D conditions were renumbered as necessary. All changes to Section D.1 and D.2 conditions are as follows:

#### SECTION D.1

##### ~~D.1.1 General Provisions Relating to NESHAP [326 IAC 20-1] [40 CFR Part 63, Subpart A]~~

~~The provisions of 40 CFR 63 Subpart A – General Provisions, which are incorporated as 326 IAC 20-1-1, apply to the affected source, as designated by 40 CFR 63.7506(b). The Permittee must comply with these requirements on and after the effective date of 40 CFR 63, Subpart DDDDD.~~

##### ~~D.1.2 National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters [40 CFR Part 63, Subpart DDDDD]~~

- ~~(a) The affected source is subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Industrial, Commercial, and Institutional Boilers and Process Heaters, (40 CFR 63, Subpart DDDDD), as of the effective date of 40 CFR 63, Subpart DDDDD. Pursuant to this rule, the Permittee must comply with 40 CFR 63, Subpart DDDDD on and after three years after the date of publication of the final rule for 40 CFR 63, Subpart DDDDD in the Federal Register.~~
- ~~(b) The following emissions units comprise the affected source for the large gaseous fuel subcategory: One (1) 37.0 MMBtu natural gas fired boiler and two (2) 72.0 MMBtu natural gas fired boilers.~~
- ~~(c) The definitions of 40 CFR 63, Subpart DDDDD at 40 CFR 63.7575 are applicable to the affected source.~~

**D.1.31 Particulate [326 IAC 6-2-3]**

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Pursuant to 326 IAC 6-2-3 (Particulate Emission Limitations for Sources of Indirect Heating) the PM from each of the three (3) boilers (ID Nos. BLR2, BLR4 and BLR5) rated at 37, 72 and 72 MMBtu per hour, respectively, shall be limited to 0.3 pounds per MMBtu heat input.

This limitation is based on the following equation:

$$Pt = \frac{C \times a \times h}{76.5 \times Q^{0.75} \times N^{0.25}}$$

$$Pt = \frac{50 \times 0.67 \times 55}{76.5 \times 218^{0.75} \times 4^{0.25}} = 0.30 \text{ lb/MMBtu}$$

**D.1.42 Preventive Maintenance Plan [326 IAC 2-7-5(13)]**

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A Preventive Maintenance Plan, in accordance with Section B – Preventive Maintenance Plan, of this permit, is required for the three (3) boilers.

**D.1.53 Natural Gas**

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In order to demonstrate compliance with D.1.31, the source shall burn only natural gas.

~~D.1.6 National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters – Notification Requirements [40 CFR 63, Subpart DDDDD]~~

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~~(a) Pursuant to 40 CFR 63.7545(a) and 40 CFR 63.7506(b), the Permittee shall submit an Initial Notification containing the information specified in 40 CFR 63.9(b)(2) not later than 120 days after the date of publication of the final rule for 40 CFR 63, Subpart DDDDD in the Federal Register, as required by 40 CFR.~~

~~(b) The notification required by paragraph (a) shall be submitted to:~~

~~Indiana Department of Environmental Management  
Compliance Data Section, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2254~~

~~and~~

~~United States Environmental Protection Agency, Region V  
Director, Air and Radiation Division  
77 West Jackson Boulevard  
Chicago, Illinois 60604-3590~~

~~The notification requires the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).~~

**D.1.74 Reporting Requirements**

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The natural gas boiler certification shall be submitted to the address listed in Section C – General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or its equivalent, within thirty (30) days after the end of the six (6) month period being reported. The natural gas-fired boiler certification does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

## SECTION D.2

### D.2.1 ~~General Provisions Relating to HAPs [326 IAC 20-1] [40 CFR Part 63, Subpart A] [Table 2 to 40 CFR Part 63, Subpart M] [40 CFR 63.3901]~~

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- (a) ~~The provisions of 40 CFR Part 63, Subpart A – General Provisions, which are incorporated by reference as 326 IAC 20-1-1, apply to the affected source, except when otherwise specified by Table 2 to 40 CFR Part 63, Subpart M. The Permittee must comply with these requirements on and after the effective date of the National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products.~~
- (b) ~~Since the applicable requirements associated with the compliance options are not included and specifically identified in this permit, the permit shield authorized by the B section of this permit in the condition titled Permit Shield, and set out in 326 IAC 2-7-15 does not apply to paragraph (a) of this condition.~~

### D.2.2 ~~National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products [40 CFR Part 63, Subpart M] [40 CFR 63.3882] [40 CFR 63.3883] [40 CFR 63.3980]~~

---

- (a) ~~The provisions of 40 CFR Part 63, Subpart M (National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products) apply to the affected source. A copy of this rule is available on the US EPA Air Toxics Website at <http://www.epa.gov/ttn/atw/misc/miscpg.html>. Pursuant to 40 CFR 63.3883(b), the Permittee must comply with these requirements on and after the date 3 years after the effective date of 40 CFR Part 63, Subpart M.~~
- (b) ~~Since the applicable requirements associated with the compliance options are not included and specifically identified in this permit, the permit shield authorized by the B section of this permit in the condition titled Permit Shield, and set out in 326 IAC 2-7-15 does not apply to paragraph (a) of this condition.~~
- (c) ~~The affected source is the collection of all of the items listed in 40 CFR 63.3882, paragraphs (b)(1) through (4) that are used for surface coating of miscellaneous metal parts and products within each subcategory as defined in 40 CFR 63.3881(a), paragraphs (2) through (6).~~
- ~~(1) All coating operations as defined in 40 CFR 63.3981;~~
- ~~(2) All storage containers and mixing vessels in which coatings, thinners and/or other additives, and cleaning materials are stored or mixed;~~
- ~~(3) All manual and automated equipment and containers used for conveying coatings, thinners and/or other additives, and cleaning materials; and~~
- ~~(4) All storage containers and all manual and automated equipment and containers used for conveying waste materials generated by a coating operation.~~
- (d) ~~Terminology used in this section are defined in the CAA, in 40 CFR Part 63, Section 63.2, and in 40 CFR 63.3980, which are incorporated by reference.~~

### D.2.31 Particulate [326 IAC 6-3-2(d)]

---

Pursuant to Part 70 Operating Permit 041-6896-00004, issued on February 17, 1999 and 326 IAC 6-3-2(d), particulate from the ~~two (2)~~ paint spray booths (ID Nos. 2PNT and MAINTPAINT) shall be controlled by a dry filters, and the Permittee shall operate the control device in accordance with manufacturer's specifications.

#### D.2.2 Hazardous Air Pollutants (HAPs)

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- (a) **The use of any single hazardous air pollutant (HAP), including coatings, dilution solvents, and cleaning solvents, shall be limited to less than nine and five tenths (9.5) tons per twelve (12) consecutive month period with compliance demonstrated at the end of each month. This usage limit is required to limit the potential to emit of each HAP to less than ten (10) tons per twelve (12) consecutive month period.**
- (b) **The total usage of hazardous air pollutants (HAPs) , including coatings, dilution solvents, and cleaning solvents, shall be limited to less than twenty-three and seventy-five hundredths (23.75) tons per twelve (12) consecutive month period with compliance demonstrated at the end of each month. This usage limit is required to limit the potential to emit of total HAPs to less than twenty-five (25) tons per twelve (12) consecutive month period.**

**Compliance with these limits renders the requirements of the Clean Air Act Section 112 not applicable.**

#### D.2.43 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

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A Preventive Maintenance Plan, in accordance with Section B – Preventive Maintenance Plan, of this permit, is required for ~~each of the two (2) paint spray booths (ID Nos. 2PNT and MAINTPAINT) and their respective~~ **its** control devices.

#### D.2.54 Monitoring

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- (a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the ~~two (2) paint spray booths (ID Nos. 2PNT and MAINTPAINT) stacks (GT-22-1, E-23-2 and MAINTPAINT) while the booths are~~ **is** in operation. If a condition exists which should result in a response step, the Permittee shall take reasonable steps in accordance with Section C – Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C – Response to Excursions or Exceedances shall be considered a deviation from this permit.
- (b) Monthly inspections shall be performed of the coating emissions from the stack and the presence of overspray on the rooftops and the nearby ground. When there is a noticeable change in overspray emission, or evidence of overspray emissions is observed, the Permittee shall take reasonable steps in accordance with Section C – Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C – Response to Excursions or Exceedances shall be considered a deviation from this permit.

Compliance with the above monitoring conditions shall also satisfy the requirements of 40 CFR 64, Compliance Assurance Monitoring for paint spray booth 2PNT.

#### ~~D.2.6 Notification Requirements [40 CFR 63.3910]~~

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- ~~(a) General. The Permittee must submit the applicable notifications in 40 CFR Part 63, Sections 63.7(b) and (c), 63.8(f)(4), and 63.9(b) through (e) and (h) by the dates specified in those sections, except as provided in 40 CFR 63.3910, paragraphs (b) and (c).~~
- ~~(b) Initial notification. The Permittee must submit the initial notification no later than 1 year after the effective date of 40 CFR Part 63, Subpart M.~~
- ~~(c) Notification of compliance status. The Permittee must submit the notification of compliance status required by 40 CFR 63.9(h) no later than 30 calendar days following the end of the initial compliance period described in 40 CFR Part 63, Sections 63.3940, 63.3950, or 63.3960 that applies to the affected source. The notification of compliance status must contain the information specified in 40 CFR 63.3910(c), paragraphs (1) through (11) and any additional information specified in 40 CFR 63.9(h).~~

#### D.2.75 Record Keeping Requirements

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- (a) **To document compliance with Conditions D.2.2, the Permittee shall maintain records in accordance with (1) through (3) below. Records maintained for (1) through (3) shall be taken monthly and shall be complete and sufficient to establish compliance with the HAP usage limits and/or the HAP emission limits established in Condition D.2.2.**
- (1) **The amount and HAP content of each coating material and solvent used. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used. Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents;**
- (2) **The total coating usage for each month; and**
- (3) **The cleanup solvent usage for each month.**
- (b) To document compliance with Condition D.2.64, the Permittee shall maintain a log of weekly overspray observations, daily and monthly inspections.
- (bc) All records shall be maintained in accordance with Section C – General Record Keeping Requirements, of this permit.

#### D.2.6 Reporting Requirements

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**A quarterly summary of the information to document compliance with Condition D.2.2 shall be submitted to the address(es) listed in Section C – General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).**

#### ~~D.2.8 Requirement to Submit a Significant Permit Modification Application [326 IAC 2-7-12] [326 IAC 2-7-5]~~

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~~The Permittee shall submit an application for a significant permit modification to IDEM, OAQ to include information regarding which compliance option or options will be chosen in the Title V permit.~~

- ~~(a) The significant permit modification application shall be consistent with 326 IAC 2-7-12, including information sufficient for IDEM, OAQ to incorporate into the Title V permit the applicable requirements of 40 CFR 63, Subpart M, a description of the affected source and activities subject to the standard, and a description of how the Permittee will meet the applicable requirements of the standard.~~
- ~~(b) The significant permit modification application shall be submitted no later than twenty-seven months after the effective date of 40 CFR 63, Subpart M.~~
- ~~(c) The significant permit modification application shall be submitted to:~~

Indiana Department of Environmental Management  
Permits Branch, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2254

**Modification No. 7:**

Conditions D.5.1 and D.5.2 were revised to address typographical errors. The methodology used to calculate particulate emission limitations in Condition D.5.1 was updated. Condition D.5.2 was updated to correct the permit condition reference to Condition D.5.1. The changes are as follows:

**D.5.1 Particulate [326 IAC 6-3-2]**

---

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes):

- (a) the allowable particulate emission rate from the anodizing tank shall not exceed 1.41 pounds per hour when operating at a process weight rate of 405 pounds per hour;
- (b) the allowable particulate emission rate from the machining operations shall not exceed 4.09 pounds per hour when operating at a process weight rate of 1,990 tons per hour.

The pounds per hour limitation was calculated using the following equation:

~~Interpolation of the data for the process weight rate up to 60,000 pounds per hour shall be accomplished by use of the equation:~~

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour; and} \\ P = \text{process weight rate in tons per hour}$$

**D.5.2 Particulate Control**

---

Pursuant to T041-6896-00004, issued on February 17, 1999, and in order to comply with D.65.1(a) and (b), respectively:

- (a) the scrubber for particulate control shall be in operation and control emissions from the anodizing tank at all times that the anodizing tank is in operation.
- (b) the oil mist eliminators for particulate control shall be in operation and control emissions from the machining operations at all times that the machining operations are in operation.

**Modification No. 8:**

Two (2) Quarterly Reporting forms were added for documenting compliance with Condition D.2.2.

<b>Conclusion and Recommendation</b>
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The operation of this source shall be subject to the conditions of the attached proposed Part 70 Significant Permit Modification No. 041-22770-00004. The staff recommends to the Commissioner that this Part 70 Significant Permit Modification (041-22770-00004) be approved.

**Appendix A: Calculations  
VOC and Particulate  
From Degreasing, Cleaning, Flushing, Surface Coating, and Brazing, and Soldering Operations**

**Company Name:** Visteon Systems, LLC  
**Address City IN Zip:** 4747 Western Avenue, Connersville, Indiana 47331  
**Permit No.:** 041-22770-00004  
**Plt ID:** 041-00004  
**Reviewer:** Kimberly Cottrell  
**Date:** June 23, 2006

Material (as applied)	Process	Material Density (lb/gal)	Weight % Volatile (H2O& Organics) (%)	Weight % Water (%)	Weight % Organics (%)	Weight % Non-Vol (solids) (%)	Volume % Water (%)	Volume % Non-Vol (solids) (%)	Material Usage (gal/unit)	Maximum Production (unit/hour)	Pounds VOC per gallon of coating less water (lb/gal)	Pounds VOC per gallon of coating (lb/gal)	Potential VOC pounds per hour (lb/hr)	Potential VOC pounds per day (lb/d)	Potential VOC tons per year (tpy)	Particulate Potential ton/yr (tpy)	lb VOC /gal solids (lb/gal)	Transfer Efficiency (%)
<b>Metal Parts Spray Cleaning</b>																		
Ford Tox 042300	SPCL	12.18	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.190	1.00	12.18	12.18	2.31	55.54	10.14	0.00	N/A	100.00%
<b>Compressor Flushing and Testing</b>																		
Solvent Cleaner	FLUSH	4.79	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.610	1.00	4.79	4.79	2.92	70.13	12.80	0.00	N/A	100.00%
<b>Surface Coating</b>																		
Base Ford Tox #023966	MAINPAINT	8.34	60.00%	0.00%	60.00%	40.00%	0.00%	40.00%	0.188	1.00	5.00	5.00	0.94	22.52	4.11	0.68	16.68	75.00%
White Ford Tox #023967	Maintenance Booth	8.83	60.00%	0.00%	60.00%	40.00%	0.00%	40.00%	0.188	1.00	5.30	5.30	0.99	23.84	4.35	0.73	17.66	75.00%
Solvent Ford Tox #040144	Maintenance Booth	7.02	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.188	1.00	7.02	7.02	1.32	31.59	5.77	0.00	N/A	75.00%
Engine Ford Tox #047695	Maintenance Booth	5.71	55.00%	0.00%	55.00%	45.00%	0.00%	45.00%	0.188	1.00	3.14	3.14	0.59	14.13	2.58	1.06	13.96	50.00%
Gloss Ford Tox #031022	Maintenance Booth	6.69	58.50%	0.00%	58.50%	41.50%	0.00%	41.50%	0.188	1.00	3.91	3.91	0.73	17.61	3.21	1.14	18.86	50.00%
Ford Tox 142380	2PNT	8.59	39.70%	0.00%	39.70%	60.30%	0.00%	22.92%	15.100	1.00	3.41	3.41	61.49	1235.77	225.53	171.30	29.76	50.00%
Black W/R Chrome Free Enamel	2PNT	8.65	73.70%	58.70%	15.00%	26.30%	60.90%	21.14%	15.100	1.00	3.32	1.30	19.58	470.00	85.78	75.20	12.27	50.00%
<b>Soldering and Brazing</b>																		
Ford Tox 022388 (Methanol)	SOLDER1	6.63	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	14.500	lb/hr	6.63	6.63	14.50	348.00	63.51	0.00	N/A	N/A
Ford Tox 022388 (Methanol)	SOLDER2	6.63	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	14.500	lb/hr	6.63	6.63	14.50	348.00	63.51	0.00	N/A	N/A
Ford Tox 017206 (IPA)	BRAZING	6.57	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	2.300	lb/hr	6.57	6.57	2.30	55.20	10.07	0.00	N/A	N/A

Potential VOC pounds per hour (lb/hr)	Potential VOC pounds per day (lb/d)	Potential VOC tons per year (tpy)	Particulate Potential ton/yr (tpy)
92.60	2222.33	405.58	174.90
-67.79	-1627.01	-296.93	-99.71
<b>24.81</b>	<b>595.33</b>	<b>108.65</b>	<b>75.20</b>

**METHODOLOGY**

Pounds of VOC per Gallon Coating less Water = (Density (lb/gal) \* Weight % Organics) / (1-Volume % water)  
Pounds of VOC per Gallon Coating = (Density (lb/gal) \* Weight % Organics)  
Potential VOC Pounds per Hour = Pounds of VOC per Gallon coating (lb/gal) \* Gal of Material (gal/unit) \* Maximum (units/hr)  
Potential VOC Pounds per Day = Pounds of VOC per Gallon coating (lb/gal) \* Gal of Material (gal/unit) \* Maximum (units/hr) \* (24 hr/day)  
Potential VOC Tons per Year = Pounds of VOC per Gallon coating (lb/gal) \* Gal of Material (gal/unit) \* Maximum (units/hr) \* (8760 hr/yr) \* (1 ton/2000 lbs)  
Particulate Potential Tons per Year = (units/hour) \* (gal/unit) \* (lbs/gal) \* (1- Weight % Volatiles) \* (1-Transfer efficiency) \*(8760 hrs/yr) \*(1 ton/2000 lbs)  
Pounds VOC per Gallon of Solids = (Density (lbs/gal) \* Weight % organics) / (Volume % solids) \* Transfer Efficiency  
Total = Worst Coating + Sum of all solvents used  
Controlled emission rate = uncontrolled emission rate \* (1 - control efficiency)

PM Control Efficiency: **93.00%**

Total Controlled Potential PM Emissions Prior to Modification:	Controlled PM Emissions (tpy)
12.24	12.24
<b>Total Controlled Potential PM Emissions After Modification:</b>	<b>5.26</b>

**Appendix A: Calculations  
VOC and Particulate  
From Flushing, Surface Coating, and Brazing Operations**

**Company Name:** Visteon Systems, LLC  
**Address City IN Zip:** 4747 Western Avenue, Connersville, Indiana 47331  
**Permit No.:** 041-22770-00004  
**Plt ID:** 041-00004  
**Reviewer:** Kimberly Cottrell  
**Date:** June 23, 2006

Material (as applied)	Process	Material Density (lb/gal)	Weight % Volatile (H2O& Organics) (%)	Weight % Water (%)	Weight % Organics (%)	Weight % Non-Vol (solids) (%)	Volume % Water (%)	Volume % Non-Vol (solids) (%)	Material Usage (gal/unit)	Maximum Production (unit/hour)	Pounds VOC per gallon of coating less water (lb/gal)	Pounds VOC per gallon of coating (lb/gal)	Potential VOC pounds per hour (lb/hr)	Potential VOC pounds per day (lb/d)	Potential VOC tons per year (tpy)	Particulate Potential ton/yr (tpy)	lb VOC /gal solids (lb/gal)	Transfer Efficiency (%)
<b>Compressor Flushing and Testing</b>																		
Solvent Cleaner	FLUSH	4.79	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.610	1.00	4.79	4.79	2.92	70.13	12.80	0.00	N/A	100.00%
<b>Surface Coating</b>																		
Black W/R Chrome Free Enamel	2PNT	8.65	73.70%	58.70%	15.00%	26.30%	60.90%	21.14%	15.100	1.00	3.32	1.30	19.58	470.00	85.78	75.20	12.27	50.00%
<b>Brazing</b>																		
Ford Tox 017206 (IPA)	BRAZING	6.57	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	2.300	lb/hr	6.57	6.57	2.30	55.20	10.07	0.00	N/A	N/A

Potential VOC pounds per hour (lb/hr)	Potential VOC pounds per day (lb/d)	Potential VOC tons per year (tpy)	Particulate Potential ton/yr (tpy)
24.81	595.33	108.65	75.20

Total Uncontrolled Potential Emissions:

**METHODOLOGY**

Pounds of VOC per Gallon Coating less Water = (Density (lb/gal) \* Weight % Organics) / (1-Volume % water)  
 Pounds of VOC per Gallon Coating = (Density (lb/gal) \* Weight % Organics)  
 Potential VOC Pounds per Hour = Pounds of VOC per Gallon coating (lb/gal) \* Gal of Material (gal/unit) \* Maximum (units/hr)  
 Potential VOC Pounds per Day = Pounds of VOC per Gallon coating (lb/gal) \* Gal of Material (gal/unit) \* Maximum (units/hr) \* (24 hr/day)  
 Potential VOC Tons per Year = Pounds of VOC per Gallon coating (lb/gal) \* Gal of Material (gal/unit) \* Maximum (units/hr) \* (8760 hr/yr) \* (1 ton/2000 lbs)  
 Particulate Potential Tons per Year = (units/hour) \* (gal/unit) \* (lbs/gal) \* (1- Weight % Volatiles) \* (1-Transfer efficiency) \*(8760 hrs/yr) \*(1 ton/2000 lbs)  
 Pounds VOC per Gallon of Solids = (Density (lbs/gal) \* Weight % organics) / (Volume % solids) \* Transfer Efficiency  
 Total = Worst Coating + Sum of all solvents used  
 Controlled emission rate = uncontrolled emission rate \* (1 - control efficiency)

PM Control Efficiency: **93.00%**

Controlled PM Emissions (tpy)
5.26

Total Controlled Potential PM Emissions:

**Appendix A: Calculations**  
**Revised HAP Potential to Emit Calculations**

**Company Name:** Visteon Systems, LLC  
**Address City IN Zip:** 4747 Western Avenue, Connersville, Indiana 47331  
**Permit No.:** 041-22770-00004  
**Plt ID:** 041-00004  
**Reviewer:** Kimberly Cottrell  
**Date:** June 23, 2006

Material	Process	Material Density (lb/gal)	Material Usage (gal/unit)	Maximum Production (unit/hour)	Weight % Trichloro ethylene (%)	Weight % Glycol Ethers (%)	Weight % Xylene (%)	Weight % Methyl Ethyl Ketone (%)	Weight % Toluene (%)	Weight % Methanol (%)	Weight % Ethyl benzene (%)	Trichloro ethylene Emissions (ton/yr)	Glycol Ethers Emissions (ton/yr)	Xylene Emissions (ton/yr)	Methyl Ethyl Ketone Emissions (ton/yr)	Toluene Emissions (ton/yr)	Methanol Emissions (ton/yr)	Ethyl benzene Emissions (ton/yr)	Total HAP Emissions (ton/yr)
<b>Metal Parts Spray Cleaning</b>																			
Ford Tox 042300	SPCL	12.18	0.190	1.00	95.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9.63	0.00	0.00	0.00	0.00	0.00	0.00	9.63
<b>Compressor Flushing and Testing</b>																			
Solvent Cleaner	FLUSH	4.79	0.610	1.00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Surface Coating</b>																			
Base Ford Tox #023966	MAINPAINT	8.34	0.188	1.00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
White Ford Tox #023967	MAINPAINT	8.83	0.188	1.00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Solvent Ford Tox #040144	MAINPAINT	7.02	0.188	1.00	0.00%	15.00%	30.00%	5.00%	10.00%	0.00%	0.00%	0.00	0.87	1.73	0.29	0.58	0.00	0.00	3.47
Engine Ford Tox #047695	MAINPAINT	5.74	0.188	1.00	0.00%	0.00%	10.00%	0.00%	15.00%	0.00%	0.00%	0.00	0.00	0.47	0.00	0.74	0.00	0.00	1.18
Gloss Ford Tox #031022	MAINPAINT	6.69	0.188	1.00	0.00%	0.00%	18.00%	10.00%	0.00%	0.00%	3.00%	0.00	0.00	0.99	0.55	0.00	0.00	0.17	1.74
Ford Tox 142380	2PNT	8.59	15.100	1.00	0.00%	31.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	176.12	0.00	0.00	0.00	0.00	0.00	176.12
<b>Black W/R Chrome Free Enamel</b>	<b>2PNT</b>	<b>8.65</b>	<b>15.100</b>	<b>1.00</b>	<b>0.00%</b>	<b>15.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00</b>	<b>85.78</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>85.78</b>
<b>Soldering and Brazing</b>																			
Ford Tox 022388 (Methanol)	SOLDER1	6.63	14.500	lb/hr	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	63.51	63.51
Ford Tox 022388 (Methanol)	SOLDER2	6.63	14.500	lb/hr	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	63.51	63.51
Ford Tox 017206 (IPA)	BRAZING	6.57	2.300	lb/hr	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Original HAP PTE Calculations (per Part 70 Renewal No. 17640):	9.63	176.99	3.20	0.84	1.28	127.02	0.17	319.12
HAP Reductions (per Significant Permit Modification Request No. 22770):	-9.63	-91.21	-3.20	-0.84	-1.28	-127.02	-0.17	-233.34
<b>Revised HAP PTE After Modification (per Significant Permit Modification No. 22770):</b>	<b>0.00</b>	<b>85.78</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>85.78</b>

Estimated HAP Reduction (%): **73.12%**

**SUMMARY OF MODIFICATION PER 22770:**

The following emission units are removed: Metal Parts Spray Cleaning (SPCL), Maintenance Paint Booth (MAINPAINT), and Soldering Operations (SOLDER1 & SOLDER2).  
 The main painting operations (2PNT) were modified as follows: Visteon has ceased use of "Ford Tox 142380" and is now using "Black W/R Chrome Free Enamel". The MSDS specifying the chemical properties of the new coating were provided by Visteon.

**PTE CALCULATION METHODOLOGY:**

HAP Emission Rate (tons/yr) = Material Density (lb/gal) x Material Usage (gal/unit) x Maximum Production (unit/hr) x Weight % HAP x 8760 hrs/yr x 1 ton/2000 lbs

## Appendix A: Calculations HAP Potential to Emit Calculations

**Company Name:** Visteon Systems, LLC  
**Address City IN Zip:** 4747 Western Avenue, Connersville, Indiana 47331  
**Permit No.:** 041-22770-00004  
**Plt ID:** 041-00004  
**Reviewer:** Kimberly Cottrell  
**Date:** June 23, 2006

Material	Process	Material Density (lb/gal)	Material Usage (gal/unit)	Maximum Production (unit/hour)	Weight % Glycol Ethers (%)	Glycol Ethers Emissions (ton/yr)	Total HAP Emissions (ton/yr)
<b>Compressor Flushing and Testing</b>							
Solvent Cleaner	FLUSH	4.79	0.610	1.00	0.00%	0.00	0.00
<b>Surface Coating</b>							
Black W/R Chrome Free Enamel	2PNT	8.65	15.100	1.00	15.00%	85.78	850.95
<b>Brazing</b>							
Ford Tox 017206 (IPA)	BRAZING	6.57	2.300	1.00	0.00%	0.00	0.00
<b>Total HAP Potential to Emit:</b>						<b>85.78</b>	<b>85.78</b>

### PTE CALCULATION METHODOLOGY:

HAP Emission Rate (tons/yr) = Material Density (lb/gal) x Material Usage (gal/unit) x Maximum Production (unit/hr) x Weight % HAP x 8760 hrs/yr x 1 ton/2000 lbs

## Appendix A: Calculations HAP Minor Limit Calculations

**Company Name:** Visteon Systems, LLC  
**Address City IN Zip:** 4747 Western Avenue, Connersville, Indiana 47331  
**Permit No.:** 041-22770-00004  
**Plt ID:** 041-00004  
**Reviewer:** Kimberly Cottrell  
**Date:** June 23, 2006

### METHODOLOGY

CAA Section 112 Major Source Thresholds: 10 tons per year for single HAP; 25 tons per year for total HAPs

Minor Source Limit (tons per year) = 95% x CAA major source threshold (tons per year)

Minor Source Limit (pounds per hour) = Minor Source Limit (tons per year) x 2000 pound per ton / 8760 hours per year

### ASSUMPTIONS

95% CAA Section 112 threshold is sufficient to establish minor HAP limit for NESHAP applicability

	Single HAP	Total HAPs
CAA Section 112 Major Source Thresholds (potential to emit in tons per year):	10.00	25.00
Minor Source Limits (tons per year):	9.50	23.75
Minor Source Limits (pounds per hour):	2.17	5.42